INDEX TO VOLUME 53, 1992

AUTHOR INDEX

Abbott, D. E. 375
Abebe, G. 68
Al-Afaleq, A. 38
Alcalde, A. I. 19
Aliu, Y. O. 98
Alsalami, M. T. 280
Andrews, G. A. 315
Arai, T. 247
Arruebo, M. P. 19

Bairden, K. 381
Barlet, J. P. 32
Barnes, A. 293
Bashiruddin, J. B. 154
Basurco, B. 93
Batt, R. M. 293
Baxter, P. 264
Bell-Sakyi, L. 230
Bennejean, G 257
Berghen, P. 390
Biolatti, B. 393
Bollo, E. 393
Boray, J. C. 191
Boyd, J. S. 74
Brikas, P. 136
Brown, C. G. D. 230
Brown, I. H. 309
Burrows, G. E. 191

Calvo, M. A. 275
Campbell, K. L. 172
Carneiro, S. M. 399
Carter, S. D. 293
Chalmers, R. M. 64
Chavey, P. S. 315
Chisholm, H. K. 106
Clarkson, M. J. 267
Cleary, P. P. 244
Close, R. 165
Coll, J. M. 93
Collins, J. E. 244
Coop, R. L. 363, 371
Cooper, A. C. 257
Cordes, D. O. 179
Coxam, V. 32
Cranwell, P. D. 110
Cunningham, F. M. 223

Davicco, M. J. 32
Davis, S. R. 219
Day, M. J. 87
de Graaf, D. C. 390
de Weger, R. A. 198
Deol, H. S. 324
Desmecht, D. 148
Dibb-Fuller, M. 300
Domingo, M. 275
Dominguez Juncal, J. 254
Donachie, W. 64
Donn, A. 393
Dorling, P. R. 324
Dorn, G. P. 172
Doxey, D. L. 106
Duff, S. R. I. 52
Duffus, W. P. H. 184
Duncan, J. L. 212
Dunlop, E. M. 212

Eckersall, P. D. 74
Egerton, J. 191
Eichler, S. J. 219
Eley, R. M. 68
Espada, Y. 275

Farr, V. C. 219
Ferguson, D. C. 338
Ferguson, J. M. 74
Filippich, L. J. 280
Fishwick, G. 212
Foster, A. P. 223
Freeman, R. 64

George, L. M. 375
Gesbert, F. 257
Gilmour, J. S. 106
Gomez, J. 275
Goodship, A. E. 354
Gould, A. R. 154
Gray, M. A. 98
Gregory, N. G. 250, 269, 360
Guittet, M. 257
Gutierrez, C. B. 254

Hall, E. J. 293
Harvey, M. J. A. 74
Hasegawa, Y. 247
Hastings, B. E. 375
Hawke, C. G. 260
Herniman, K. A. J. 11
Hidiroglou, M. 32
Hilderson, H. 390
Hoenig, M. 338
Hoh, J. F. Y. 25
Holmes, M. A. 184
Holmes, P. H. 80, 212, 271, 381
Houe, H. 320
Howell, J. McC. 324
Huntley, J. 363

Ivan, M. 32

Jackson, E. 363, 371
Jackson, F. 363, 371
Jeffcoate, I. A. 212
Jensen-Waern, M. 331
Jones, R. 38
Jones, R. C. 38
Jones, T. W. 252

Katunguka-Rwakishaya, E. 80
Keene, B. W. 130
Kempf, I. 257
Kisielius, J. J. 399
Kramberger-Kaplan, E. 205

Lanza, I. 309
Lashev, L. D. 160
Lees, P. 223
Lekeux, P. 148, 165
Ley, S. J. 122
Lightowlers, M. W. 133
Lin, S. Y. 42
Liu, D. 133
Liu, S. D. 42
Livingston, A. 122
Loupal, G. 205
Low, J. C. 64

McGill, I. S. 1
McGillivery, D. J. 110
McLaren, I. M. 300
McLauchlin, J. 64

Maclean, I. 271
Maclean, J. M. 381
McWilliam, P. N. 381
Maddison, J. E. 260
Mamman, M. 98
Mayr, B. 205
Metcalf, J. A. 59
Michell, A. R. 271, 342
Mier, H. C. 130
Misdorp, W. 198
Miyazaki, S. 47
Mogollon, J. D. 244
Mohan Raj, A. B. 126
Milne, E. M. 106
Moloo, S. K. 98
Motoi, Y. 47
Mulligan, W. 381
Murray, M. 80
Murtaugh, M. P. 244

Navarro, H. 19
Naylor, C. J. 38
Nickson, D. A. 74
Nolan, A. M. 264

O'Brien, M. A. 184
Oki, Y. 247

Panciera, D. L. 130
Pashov, D. A. 160
Paton, D. J. 309
Penhale, W. J. 87
Peregrine, A. S. 98
Peterson, M. E. 338
Philipov, J. P. 397
Philips, H. L. 267
Pijoan, C. 244
Pogson, D. M. 106
Pösö, A. R. 331
Poulos, V. 260
Pozgaj, I. 25
Preston, P. M. 230
Prosser, C. G. 219
Proulx, J. G. 32

Reinhold, P. 165
Renton, J. P. 74
Richardson, W. 230
Rickard, M. D. 133
Roberts, S. J. 59
Rodriguez Barbosa, J. I. 254
Rodriguez Ferri, E. F. 254
Rollin, F. 148
Rose, R. J. 25
Ross, C. A. 252
Rossiter, P. B. 11

Sanderson, A. 230
Schleger, W. 205
Schurig, G. G. 179
Sesso, A. 399
Silayo, R. S. 98
Sinha, A. K. 25
Sisson, P. R. 64
Smith, J. E. 315
Sojka, M. G. 300
Sorribas, V. 19
Stadler, S. G. 375
Sutton, J. D. 59
Symonds, H. W. 324

Tanaka, H. 399
Tascon, R. I. 254
Tasler, J. 191
Taylor, T. K. 154
Thoolen, R. J. M. M. 198
Thorns, C. J. 300
Tobias, L. 179
Turilli, C. 393
Tzan, Y. L. 42

Uche, U. E. 252

van der Linde-Sipman, J. S. 198
van Dijk, J. E. 198
van Unnik, J. A. M. 198
Vercruysse, J. 390
Vincent, I. C. 342
Vos, J. H. 198

Wægstaff, A. J. 271
Wakelin, D. 139
Wamwayi, H. M. 11
Waterman, A. E. 122
Watson, A. D. J. 260
Watson, D. L. 346
Wedrychowicz, H. 212
Wells, G. A. H. 1
Welsh, E. M. 264
Weng, C. N. 42
Whitehead, C. C. 52
Whittington, P. E. 126, 360
Wilmink, J. 354
Wilsmore, A. J. 393
Wilson, A. M. 354
Wilson, S. 52
Worthington, K. J. 38
Wotton, S. B. 126, 250, 269

Xu, L. R. 116

Zhu, J. 280

SUBJECT INDEX

α-lactalbumin concentrations in serum of calves, Effect of colostrum intake on 219

Actinobacillus pleuropneumoniae, Quantifying by monoclonal antibodies of specific IgG, IgM and IgA in the serum of minipigs experimentally infected with 254

Administration of levothyroxin to euthyroid dogs does not affect echocardiographic and electrocardiographic measurements 130

Adrenaline, Effects of clinically occurring chronic lameness in sheep on the concentrations of plasma noradrenaline and 122

Aflatoxin B1 in broiler chickens, Pathological lesions following an experimental intoxication with 275

Amino acid metabolism in pigs? Does a single bout of exercise cause adaptation of 331

Amoxycillin, sulphadimidine and sulphacetamide related to variations in body mass, Interspecies variations in plasma half-life of ampicillin 160

Ampicillin, amoxycillin, sulphadimidine and sulphacetamide related to variations in body mass, Interspecies variations in plasma half-life of 160

Anaerobic microflora associated with the pars oesophagea of the pig 110

Analysis of complex cytogenetic alterations in three canine mammary sarcomas 205

Antigenic differences between the life cycle stages of *Cooperia oncophora* 390

Antipyrine, erythromycin and oxytetracycline disposition in experimental fasciolosis 191

Application of a diagnostic DNA probe for the differentiation of the two types of *Mycoplasma mycoides* subspecies *mycoides* 154

Bile in sheep, Effect of copper and heliotrope on the composition of 324

Bone turnover after ultraviolet irradiation of dairy cows, Changes in some biochemical indicators of 397

Bos indicus cattle, Hypothalamic-pituitary-adrenal axis responsiveness to insulin-induced hypoglycaemia is modified by trypanosome infection in Boran 68

Bothrops jararacussu, Occurrence of retrovirus-like particles in various cellular and intercellular compartments of the venom glands from 399

Bovine viral diarrhoea virus (BVDV) in dairy herds, Serological analysis of a small herd sample to predict presence or absence of animals persistently infected with 320

Bracken poisoning and enzootic haematuria in cattle in China 116

Brucella abortus strains 19 and RB51 in the pregnant mouse, Comparative behaviour of 179

Calcium, magnesium and phosphorus concentrations in pregnant beef cows and calves from a herd with a known history of congenital joint laxity and dwarfism, Plasma 1,25-dihydroxyvitamin D, insulin-like growth factor-1 32

Carprofen administered intravenously to sheep, Pharmacokinetics of 264

Changes in hepatic lipogenic enzyme activities in voles and mice treated with monosodium aspartate 247

Changes in some biochemical indicators of bone turnover after ultraviolet irradiation of dairy cows 397

Changes in the spontaneous and evoked electrical activity in the brains of hens during stunning with 30 per cent carbon dioxide in argon with 5 per cent residual oxygen 126

Characterisation of monoclonal antibodies against a fimbrial structure of *Salmonella enteritidis* and certain other group D salmonellae and their application as serotyping reagents 300

Chinese water deer (*Hydropotes inermis*), Stress factors influencing plasma cortisol levels and adrenal weights in 375

Chlamydia in a sheep fibroblast cell culture, Culture of sheep 267

Chlamydia psittaci antigen in paraffin-embedded tissue sections, Preparation and use of a monoclonal antibody to detect 393

Clinical equine dysautonomia and autonomic neuron damage 106

Collagen fibres in relation to partial rupture of the superficial digital flexor tendon in racehorses, Functional significance of the morphology and micromechanics of 354

Colostrum intake on α-lactalbumin concentrations in serum of calves, Effect of 219

Comparative behaviour of *Brucella abortus* strain 19 and RB51 in the pregnant mouse 179

Comparative immunoelectrophoretic analysis of *Echinococcus granulosus*, *Taenia hydatigena* and *Taenia pisiformis* cyst fluid antigens by hyperimmune rabbit sera 133

Comparison of cortisol concentrations in saliva and plasma of dogs 342

Comparison of endocrine changes and ultrasound as means of identifying ovulation in the bitch 74

Cooperia oncophora, Antigenic differences between the life cycle stages of 390

Copper and heliotrope on the composition of bile in sheep, Effect of 324

Cortisol concentrations in saliva and plasma of dogs, Comparison of 342

Cortisol levels and adrenal weights in Chinese water deer (*Hydropotes inermis*), Stress factors influencing plasma 375
Culture of sheep chlamydia in a sheep fibroblast cell culture 267
Cyclophosphamide immunosuppression on the immunity of turkeys to viral rhinotracheitis, Effect of 38

Danofloxacin in the therapy of experimental mycoplasmosis in chicks, Efficacy of 257
Diminazene aceturate, Response of *Trypanosoma congolense* in goats to single and double treatment with 98
Does a single bout of exercise cause adaptation of amino acid metabolism in pigs? 331
Dwarfism, Plasma 1, 25-dihydroxyvitamin D, insulin-like growth factor-1, calcium, magnesium and phosphorus concentrations in pregnant beef cows and calves from a herd with a known history of congenital joint laxity and 32
Dysautonomia and autonomic neuron damage, Clinical equine 106

Echinococcus granulosus, Taenia hydatigena and *Taenia pisiformis* cyst fluid antigens by hyperimmune rabbit sera, Comparative immunoelectrophoretic analysis of 133
Effect of colostrum intake on α-lactalbumin concentrations in serum of calves 219
Effect of copper and heliotrope on the composition of bile in sheep 324
Effect of cyclophosphamide immunosuppression on the immunity of turkeys to viral rhinotracheitis 38
Effect of incomplete immersion of the head in waterbath stunners on the effectiveness of electrical stunning in ducks 269
Effect of wetting a chicken's feathers on the effectiveness of electrical stunning 250
Effects of age, sex and housing on the trabecular bone of laying strain domestic fowl 52
Effects of clinically occurring chronic lameness in sheep on the concentrations of plasma noradrenaline and adrenaline 122
Effects of nicarbazin on sugar intestinal absorption in rabbits 19
Effects of oral sunflower oil and olive oil on serum and cutaneous fatty acid concentrations in dogs 172
Efficacy of danofloxacin in the therapy of experimental mycoplasmosis in chicks 257
Egg rise in sheep: a possible role for IgA, Pathophysiology of the periparturient 212
Encephalopathies of animals: case definitions, Recently described scrapie-like 1
Enzootic haematuria in cattle in China, Bracken poisoning and 116
Erythrocyte protoporphyrin concentrations in clinically normal cats and cats with lead toxicity 260
Erythromycin and oxytetracycline disposition in experimental fasciolosis, Antipyrine 191
Evidence of multiple anthelmintic resistance in a strain of *Teladorsagia circumcincta (Ostertagia circumcincta)* isolated from goats in Scotland 371
Exercise cause adaptation of amino acid metabolism in pigs? Does a single bout of 331

Fasciolosis, Antipyrine, erythromycin and oxytetracycline disposition in experimental 191
Fibre types in equine skeletal muscle, Indirect myosin immunocytochemistry for the identification of 25
Flexor tendon in racehorses, Functional significance of the morphology and micromechanics of collagen fibres in relation to partial rupture of the superficial digital 354
Functional significance of the morphology and micromechanics of collagen fibres in relation to partial rupture of the superficial digital flexor tendon in racehorses 354

Genetic variation in resistance to parasitic infection: experimental approaches and practical applications 139
Glucose tolerance and insulin secretion in spontaneously hyperthyroid cats 338
Glutathione peroxidase in broiler chicks, Tissue distribution of monomeric 47
Gluten-sensitive enteropathy of Irish setters, Immune responses to dietary antigens in 293

Haemorrhagic septicaemia viruses isolated in Spain compared to international reference serotypes, In vitro studies and in vivo immunisation with the first viral 93
Heliotrope on the composition of bile in sheep, Effect of copper and 324
Histiocytomas in dogs and cats: an immunohistochemical study, Malignant fibrous 198
Hydropotes inermis, Stress factors influencing plasma cortisol levels and adrenal weights in Chinese water deer 375
Hyperthyroid cats, Glucose tolerance and insulin secretion in spontaneously 338
Hypoglycaemia is modified by trypanosome infection in Boran (*Bos indicus*) cattle, Hypothalamic-pituitary-adrenal axis responsiveness to insulin-induced 68
Hypothalamic-pituitary-adrenal axis responsiveness to insulin-induced hypoglycaemia is modified by trypanosome infection in Boran (*Bos indicus*) cattle 68

Identification of the surface components of *Trypanosoma evansi* 252
Immune responses to dietary antigens in gluten-sensitive enteropathy of Irish setters 293
Immune-mediated disease in the old English sheepdog 87
Improved isolation of rinderpest virus in transformed bovine T lymphoblast cell lines 11
In vitro production of specific antibody by equine peripheral blood mononuclear cells using tetanus toxoid as a recall antigen 184
In vitro studies and in vivo immunisation with the first viral haemorrhagic septicaemia viruses isolated in Spain compared to international reference serotypes 93
Indirect myosin immunocytochemistry for the identification of fibre types in equine skeletal muscle 25
Inhalation of water during electrical stunning in chickens 360
Insulin secretion in spontaneously hyperthyroid cats, Glucose tolerance and 338
Insulin-like growth factor-1, calcium, magnesium and phosphorus concentrations in pregnant beef cows and calves from a herd with a known history of congenital joint laxity and dwarfism, Plasma 1,25-dihydroxyvitamin D 32

Interactions between *Teladorsagia circumcincta* and *Trichostrongylus vitrinus* infections in young lambs 363
Interspecies variations in plasma half-life of ampicillin, amoxycillin, sulphadimidine and sulphacetamide related to variations in body mass 160
Irradiation of dairy cows, Changes in some biochemical indicators of bone turnover after ultraviolet 397

Joint laxity and dwarfism, Plasma 1,25-dihydroxyvitamin D, insulin-like growth factor-1, calcium, magnesium and phosphorus concentrations in pregnant beef cows and calves from a herd with a known history of congenital 32

Lameness in sheep on the concentrations of plasma noradrenaline and adrenaline, Effects of clinically occurring chronic 122
Lead toxicity, Erythrocyte protoporphyrin concentrations in clinically normal cats and cats with 260
Levothyroxin to euthyroid dogs does not affect echocardiographic and electrocardiographic measurements, Administration of 130
Lichen lectins with blood typed canine erythrocytes, Reactivity of 315
Listeria monocytogenes isolates from sheep, Pyrolysis mass spectrometry of 64

Magnesium and phosphorus concentrations in pregnant beef cows and calves from a herd with a known history of congenital joint laxity and dwarfism, Plasma 1, 25-dihydroxyvitamin D, insulin-like growth factor-1, calcium 32
Malignant fibrous histiocytomas in dogs and cats: an immunohistochemical study 198
Mammary gland measured using transit time ultrasound and dye dilution, Variations in blood flow to and from the bovine 59
Mammary sarcomas, Analysis of complex cytogenetic alterations in three canine 205
Mastitis in dairy heifers, Vaccination against experimental staphylococcal 346
Monofrequency forced oscillation technique for pulmonary function investigation in calves: an in vitro and in vivo study, Validation of the 165
Monosodium aspartate, Changes in hepatic lipogenic enzyme activities in voles and mice treated with 247
Mycoplasma hypopneumoniae vaccine against experimental infection in pigs, Protective effects of an oral microencapsulated 42
Mycoplasma mycoides subspecies *mycoides*, Application of a diagnostic DNA probe for the differentiation of the two types of 154
Mycoplasmosis in chicks, Efficacy of danofloxacin in the therapy of experimental 257
Myoelectrical responses of pyloric antrum to GABAergic agents in conscious sheep 136
Myosin immunocytochemistry for the identification of fibre types in equine skeletal muscle, Indirect 25

Nicarbazin on sugar intestinal absorption in rabbits, Effects of 19
Noradrenaline and adrenaline, Effects of clinically occurring chronic lameness in sheep on the concentrations of plasma 122

Occurrence of retrovirus-like particles in various cellular and intercellular compartments of the venom glands from *Bothrops jararacussu* 399
Olive oil on serum and cutaneous fatty acid concentrations in dogs, Effects of oral sunflower oil and 172
Ostertagia circumcincta isolated from goats in Scotland, Evidence of multiple anthelmintic resistance in a strain of *Teladorsagia circumcincta* 371
Ovulation in the bitch, comparison of endocrine changes and ultrasound as means of identifying 74
Oxytetracycline disposition in experimental fasciolosis, Antipyrine, erythromycin and 191

Pathogenicity of concurrent infection of pigs with porcine respiratory coronavirus and swine influenza virus 309
Pathological lesions following an experimental intoxication with aflatoxin B1 in broiler chickens 275
Pathophysiology of ovine trypanosomiasis: ferrokinetics and erythrocyte survival studies 80
Pathophysiology of the periparturient egg rise in sheep: a possible role for IgA 212
Pharmacokinetics of carprofen administered intravenously to sheep 264
Phosphorus concentrations in pregnant beef cows and calves from a herd with a known history of congenital joint laxity and dwarfism, Plasma 1,25-dihydroxyvitamin D, insulin-like growth factor-1, calcium, magnesium and 32
Plasma 1, 25-dihydroxyvitamin D, insulin-like growth factor-1, calcium, magnesium and phosphorus concentrations in pregnant beef cows and calves from a herd with a known history of congenital joint laxity and dwarfism 32
Plasma and extracellular volume in calves: comparison between isotopic and 'cold' techniques 271
Platelet activating factor is a mediator of equine neutrophil and eosinophil migration in vitro 223
Porcine respiratory coronavirus and swine influenza virus, Pathogenicity of concurrent infection of pigs with 309
Preparation and use of a monoclonal antibody to detect *Chlamydia psittaci* antigen in paraffin-embedded tissue sections 393
Protective effects of an oral microencapsulated *Mycoplasma hypopneumoniae* vaccine against experimental infection in pigs 42
Pyloric antrum to GABAergic agents in conscious sheep, Myoelectrical responses of 136
Pyrolysis mass spectrometry of *Listeria monocytogenes* isolates from sheep 64

Quantifying by monoclonal antibodies of specific IgG, IgM and IgA in the serum of minipigs experimentally infected with *Actinobacillus pleuropneumoniae* 254

Reactivity of lichen lectins with blood typed canine erythrocytes 315
Recently described scrapie-like encephalopathies of animals: case definitions 1
Response of *Trypanosoma congolense* in goats to single and double treatment with diminazene aceturate 98

Retrovirus-like particles in various cellular and intercellular compartments of the venom glands from *Bothrops jararacussu*, Occurrence of 399
Rhinotracheitis, Effect of cyclophosphamide immunosuppression on the immunity of turkeys to viral 38
Rinderpest virus in transformed bovine T lymphoblast cell lines, Improved isolation of 11

Salmonella enteritidis and certain other group D salmonellae and their application as serotyping reagents, Characterisation of monoclonal antibodies against a fimbrial structure of 300
Scrapie-like encephalopathies of animals: case definitions, Recently described 1
Sequential in vivo measurements of body composition of calves exposed to natural infection with gastrointestinal nematodes 381
Serological analysis of a small herd sample to predict presence or absence of animals persistently infected with bovine viral diarrhoea virus (BVDV) in dairy herds 320
Streptococcus suis to detect M protein genes, Testing meningeal strains of 244
Stress factors influencing plasma cortisol levels and adrenal weights in Chinese water deer (*Hydropotes inermis*) 375
Stunning in chickens, Inhalation of water during electrical 360
Stunners on the effectiveness of electrical stunning in ducks, Effect of incomplete immersion of the head in waterbath 269
Stunning with 30 per cent carbon dioxide in argon with 5 per cent residual oxygen, Changes in the spontaneous and evoked electrical activity in the brain of hens during 126
Stunning, Effect of wetting a chicken's feathers on the effectiveness of electrical 250
Sugar intestinal absorption in rabbits, Effects of nicarbazin on 19
Sulphacetamide related to variations in body mass, Interspecies variations in plasma half-life of ampicillin, amoxycillin, sulphadimidine and sulphacetamide related to variations in body mass, Interspecies variations in plasma half-life of ampicillin, amoxycillin, sulphadimidine and 160
Sulphadimidine and sulphacetamide related to variations in body mass, Interspecies variations in body mass, Interspecies variations in plasma half-life of ampicillin, amoxycillin, sulphadimidine and 160
Sunflower oil and olive oil on serum and cutaneous fatty acid concentrations in dogs, Effects of oral 172
Swine influenza virus, Pathogenicity of concurrent infection of pigs with porcine respiratory coronavirus and 309

Taenia hydatigena and *Taenia pisiformis* cyst fluid antigens by hyperimmune rabbit sera, Comparative immunoelectrophoretic analysis of *Echinococcus granulosus* 133
Taenia pisiformis cyst fluid antigens by hyperimmune rabbit sera, Comparative immunoelectrophoretic analysis of *Echinococcus granulosus, Taenia hydatigena* and 133
Tannic acid intoxication in sheep and mice 280
Teladorsagia circumcincta (Ostertagia circumcincta) isolated from goats in Scotland, evidence of multiple anthelmintic resistance in a strain of 371
Teladorsagia circumcincta and *Trichostrongylus vitrinus* infections in young lambs, Interactions between 363
Testing meningeal strains of *Streptococcus suis* to detect M protein genes 244
Tetanus toxoid as a recall antigen, In vitro production of specific antibody by equine peripheral blood mononuclear cells using 184
Theileria annulata, Tropical theileriosis in *Bos taurus* and *Bos taurus* cross *Bos indicus* calves: response to infection with graded doses of sporozoites of 230
Tissue distribution of monomeric glutathione peroxidase in broiler chicks 47
Trabecular bone of laying strain domestic fowl, Effects of age, sex and housing on the 52
Transdiaphragmatic pressure measurement in cattle: technical data 148
Trichostrongylus vitrinus infections in young lambs, Interactions between *Teladorsagia circumcincta* and 363
Tropical theileriosis in *Bos taurus* and *Bos taurus* cross *Bos indicus* calves: response to infection with graded doses of *Theileria annulata* sporozoites 230
Trypanosoma congolense in goats to single and double treatment with diminazene aceturate, Response of 98
Trypanosoma evansi, Identification of the surface components of 252
Trypanosome infection in Boran *(Bos indicus)* cattle, Hypothalamic-pituitary-adrenal axis responsiveness to insulin-induced hypoglycaemia is modified by 68
Trypanosomiasis: ferrokinetics and erythrocyte survival studies, pathophysiology of ovine 80

Vaccination against experimental staphylococcal mastitis in dairy heifers 346
Validation of the monofrequency forced oscillation technique for pulmonary function investigation in calves: an in vitro and in vivo study 165
Variations in blood flow to and from the bovine mammary gland measured using transit time ultrasound and dye dilution 59